

**Amendments to the Specification**

Please replace the paragraphs at page 3, lines 12 to 21 with the following new paragraph:

According to a first embodiment disclosed herein, a method for a client on an external network to access a service provider on a private network via a gateway bridging the private and external networks, wherein the service provider has a virtual name that is bound by a first binding to the address of the gateway on the external network and by a second binding to the address of the service provider on the private network, comprises, upon the client using the virtual name to access the service provider, using the first binding to enable the client to contact the gateway and thereby setting up a first session between the client and the gateway, and using the second binding to enable the gateway to contact the service provider and thereby setting up a second session between the client and the service provider, the second session being nested in the first session between the client and gateway such that second-session data is encapsulated in first-session data and is forwarded by the gateway between the client and service provider.